

Voice over IP Introduction

More and more providers offer voice transmissions using data networks (Voice over IP). What is behind it? What are the strengths and the weaknesses of this technology? This course gives a brief but focused introduction to this current subject. VOIP relevant protocols, special features and applications will be discussed. In addition the quality of service aspects for transmissions of voice within IP networks will be presented.

Target Group / Requirements

Target group are participants from all areas who require a basic knowledge of VoIP for their day-to-day business. Basic knowledge about IP-based networks is a prerequisite.

Course Content

Introduction to VoIP

- Why voice over packet?
- Applications and examples
- Architecture

Speech transmission in VoIP networks

- Functionality of RTP/RTCP
- Voice codecs

Call setup

- H.323
- Session Initiation Protocol (SIP)
- Media Gateway Control Protocol (MGCP)
- MEGACO (H.248)

Quality of Service

- Resource Reservation Protocol (RSVP)
- Differentiated Services (DiffServ)
- Multi Protocol Label Switching (MPLS)
- IPv6

Certification

Certificates are given to all participants at the end of the course about the successful completion.

Course Duration:

1 day

Course Number:

ND1360

Requirements:

Basic knowledge about IP-based networks

Course Registration:

Please contact us via

- phone: +49 89 1894354-405
- email: training@tfk.de or
- via our website www.tfk.de/training

You will receive a confirmation of your registration. We can also advise you concerning the best combination of course contents.

For clients with special requirements the optimal training concept can be customized. Modules from our training portfolio can be combined to meet your company-specific needs.